Figure 1

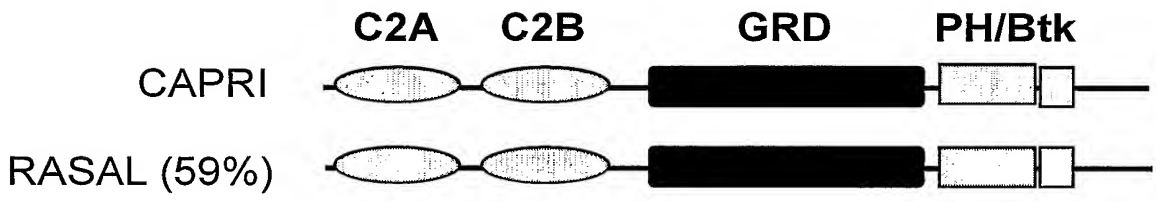


Figure 2A

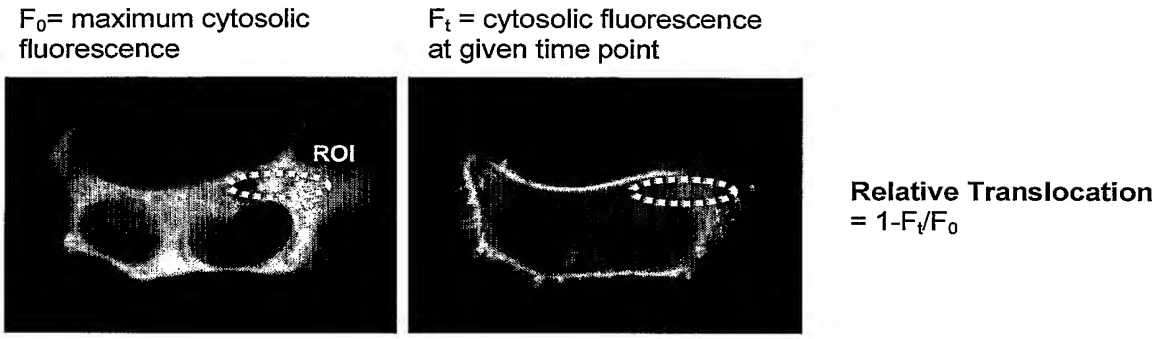


Figure 2B

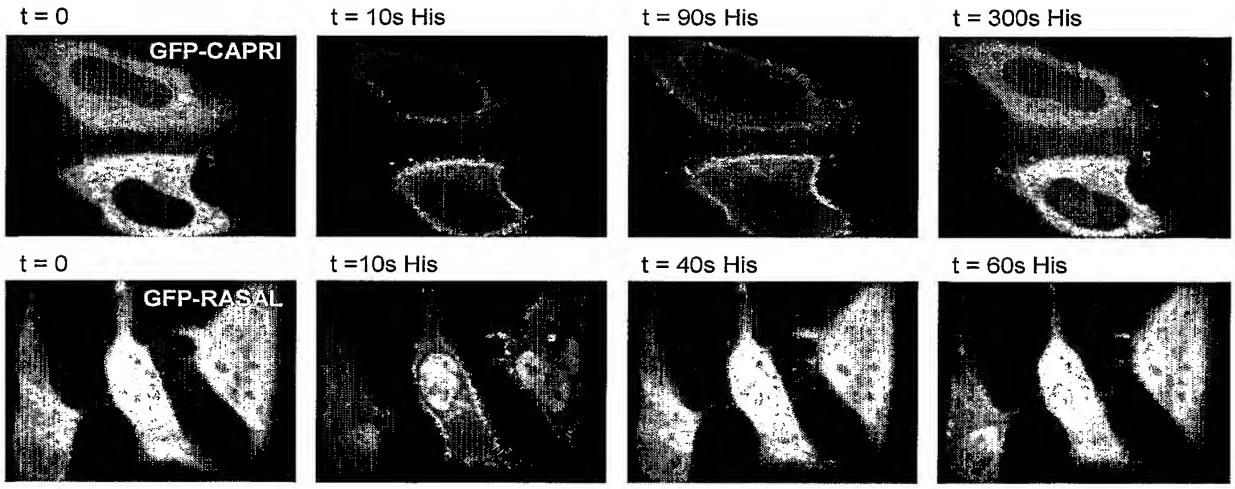


Figure 2C

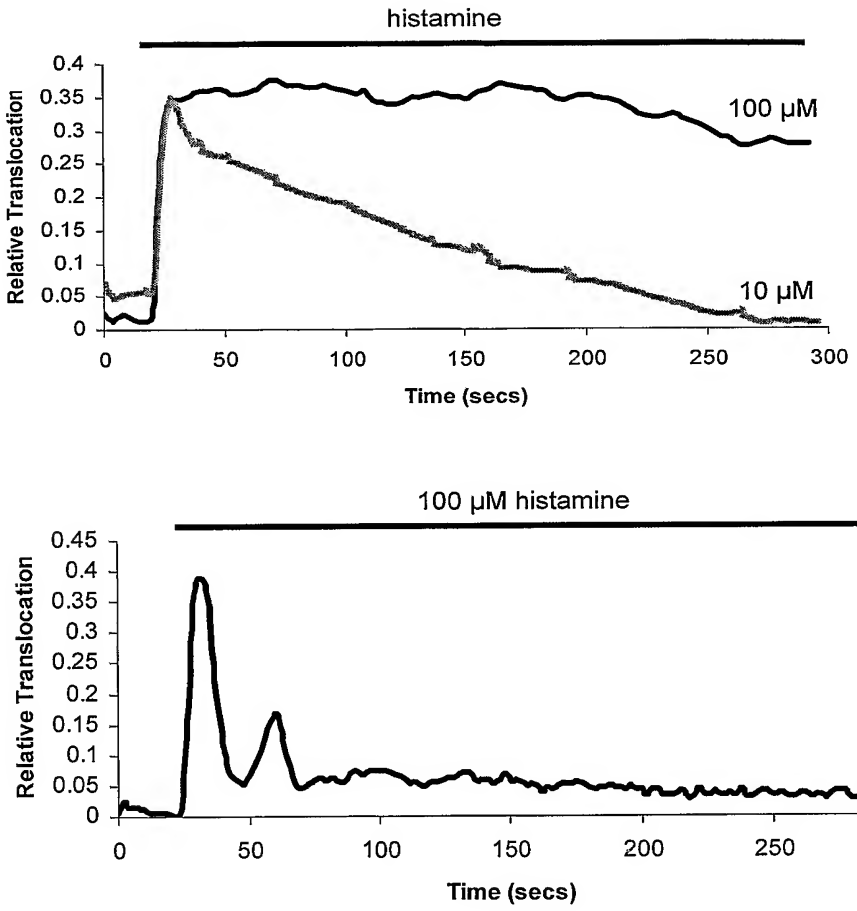

histamine
100 µM
10 µM
Relative Translocation
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
50
100
150
200
250
300
Time (secs)
100 µM histamine
Relative Translocation
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
0
50
100
150
200
250
300
Time (secs)

Figure 2D

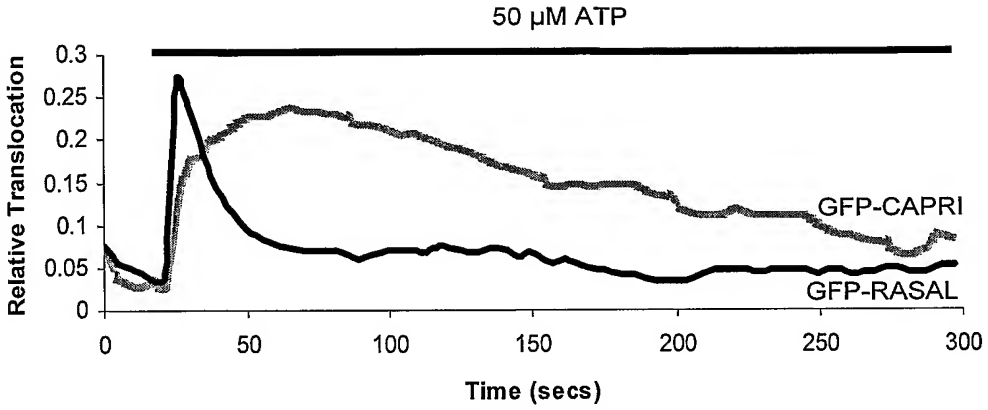

50 µM ATP
Relative Translocation
0.3
0.25
0.2
0.15
0.1
0.05
0
0
50
100
150
200
250
300
Time (secs)
GFP-CAPRI
GFP-RASAL

Figure 3

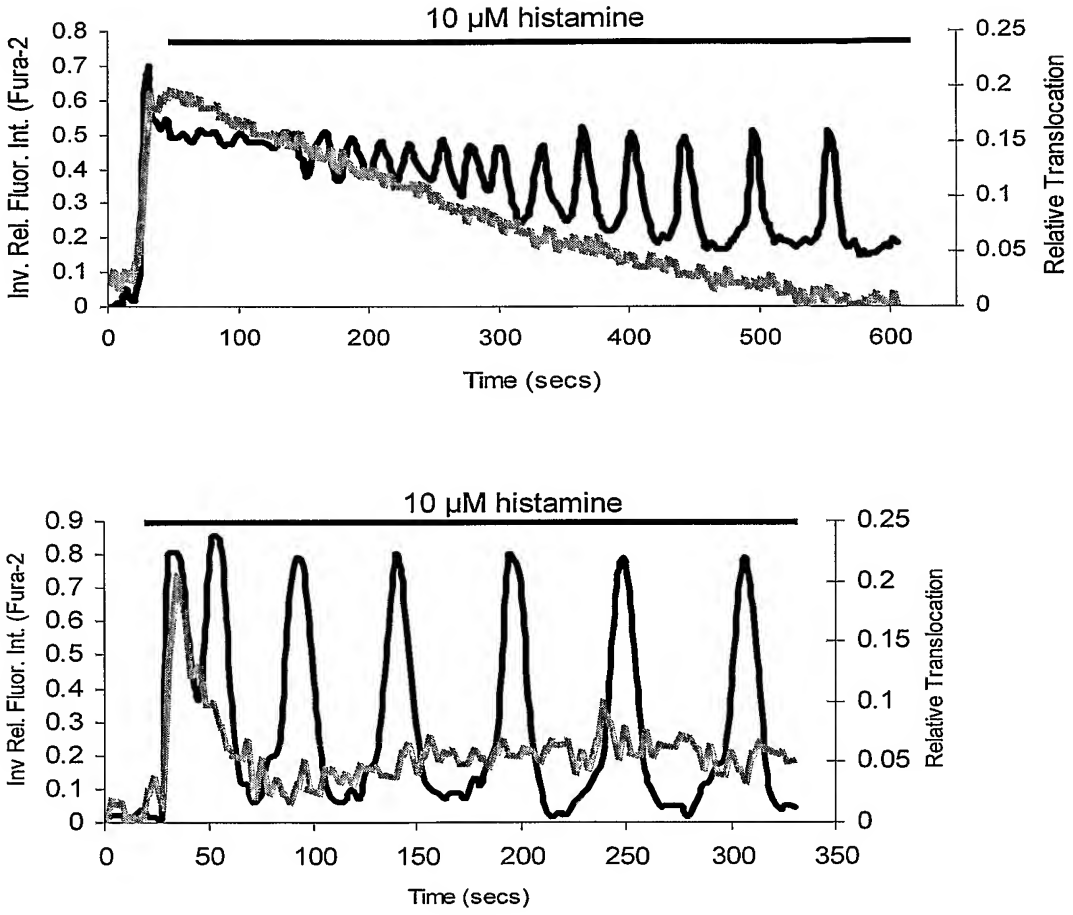

10 µM histamine
Inv. Rel. Fluor. Int. (Fura-2
Relative Translocation
Time (secs)
0
100
200
300
400
500
600
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.25
0.2
0.15
0.1
0.05
10 µM histamine
Inv Rel. Fluor. Int. (Fura-2
Relative Translocation
Time (secs)
0
50
100
150
200
250
300
350
0.9

Figure 4

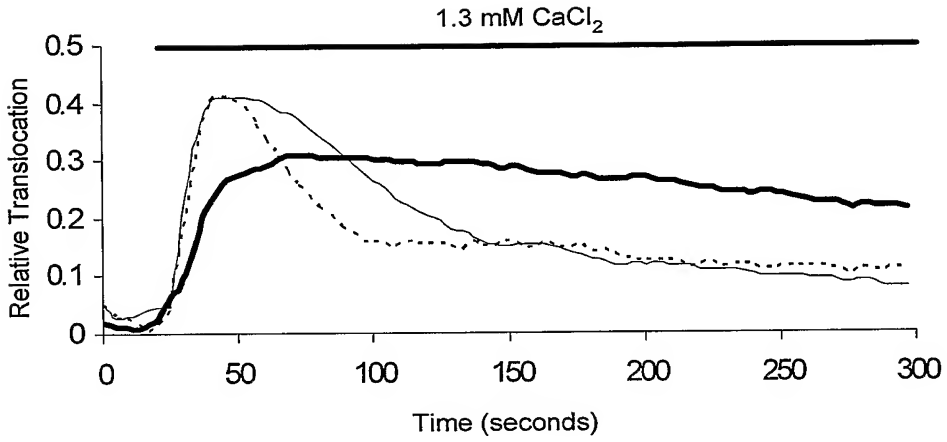
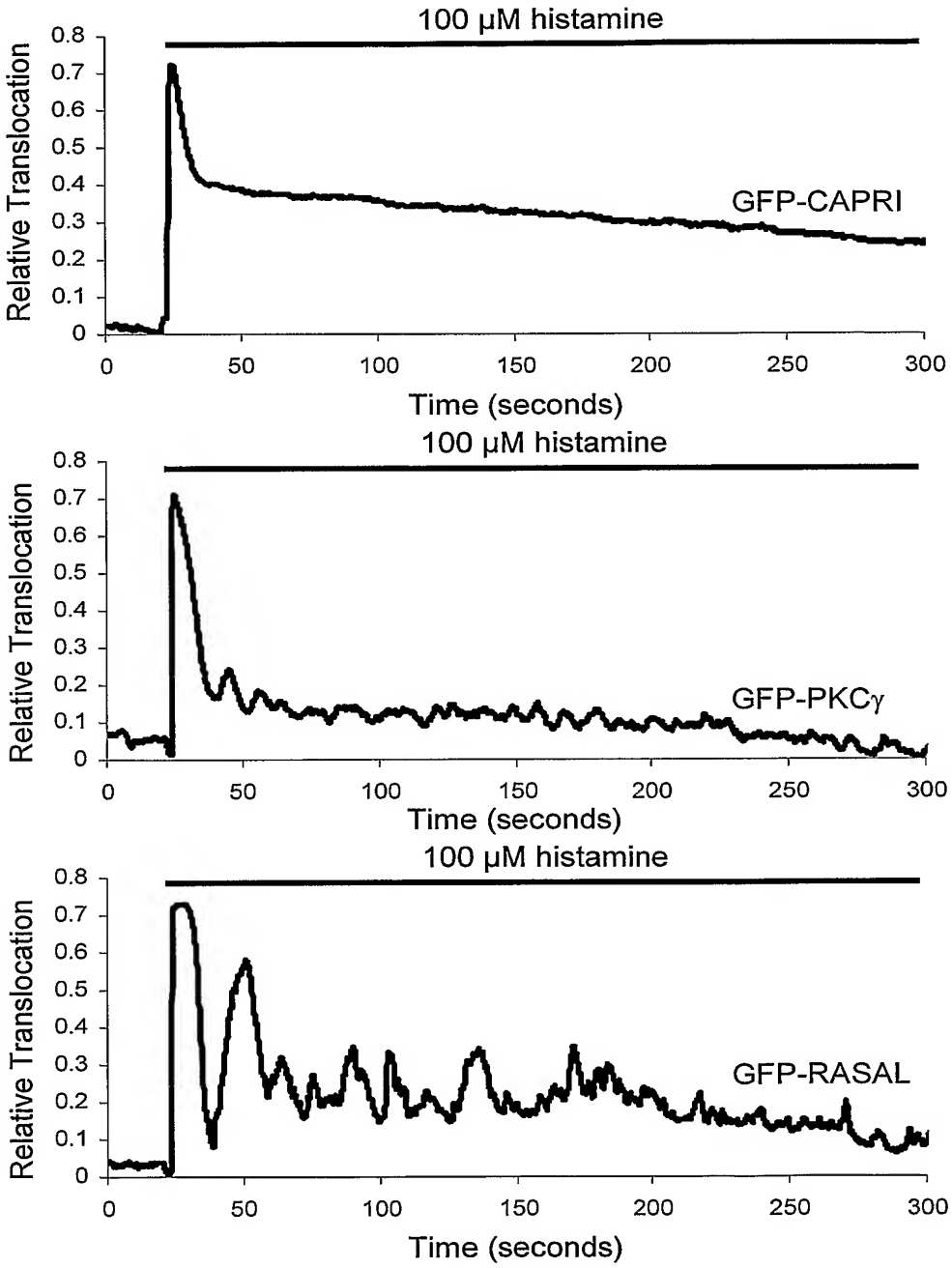

1.3 mM CaCl2
Relative Translocation
0.5
0.4
0.3
0.2
0.1
0
0
50
100
150
200
250
300
Time (seconds)

Figure 5


100 µM histamine
Relative Translocation
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
GFP-CAPRI
0
50
100
150
200
250
300
Time (seconds)
100 µM histamine
Relative Translocation
GFP-PKCγ
Time (seconds)
100 µM histamine
Relative Translocation
GFP-RASAL
Time (seconds)